

I CLAIM:

1. A solar energy operated air pump comprising:

a rectangular box having an open top, an open bottom, a pair of axle sleeves symmetrically formed on top of one end
5 and a locking slot centrally formed in a top of other end thereof;

a lower lid connected to the open bottom of said box;

an upper lid openably covering the open top of said box and having a pair of axle pins symmetrically formed on one end
10 respectively engaged with the axle sleeves of said box and a latch centrally formed under other end thereof releasably engaged within the locking slot of said box;

a flat solar cell being inlaid into said upper lid and protected by a layer of transparent means;

15 a battery chamber disposed on a bottom abutting one end of said box and containing a pair of 3-A spare batteries therein;

a motor secured to a central bottom of said box having an axis connected to an eccentric cam which respectively
20 pivoted to a pair of push rods and each of said push rods perpendicularly connected on free end a push plate;

a pair of air extractors engaged with said push plates each having an air vessel symmetrically connecting to an inner surface of opposing side walls of said box, said air vessels
25 each having an air inlet and an air outlet extruding out of

an end wall of said box opposite to said battery chamber, each of said air outlet having a non-return valve and each of said air inlet having a reverse non-return valve disposed therein;

5 a three steps switch disposed on an inner surface of a side wall of said box extruding out of said box and respectively connected said motor, said solar cell and said battery chamber through electric cords;

a clip secured to an outer surface of said lower lid; and

10 a pair of hoses respectively connected to said air outlets and extending into a pair containing water for transmitting fresh air into the water from said air pump.

2. The solar energy operated air pump as recited in claim 1 said air extractors are made of rubber.

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